



SEQUENCE LISTING

<110> HOLZBERG, STEVEN P.
POGUE, GREGORY P.

<120> CYTOPLASMIC INHIBITION OF GENE
EXPRESSION AND EXPRESSION OF A FOREIGN PROTEIN IN A MONOCOT
PLANT BY A PLANT VIRAL VECTOR

<130> 0801017200US00

<140> TO BE ASSIGNED

<141> 2001-01-25

<160> 74

<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> PRT

<213> Cocksackie virus

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<210> 2

<211> 20

<212> PRT

<213> Cocksackie virus

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Gln Leu Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
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Asn Leu Gly Pro
20

<210> 3

<211> 20

<212> PRT

<213> Cocksackie virus

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Gln Leu Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
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Asn Pro Arg Pro
20

<210> 4

<211> 20

<212> PRT

<213> Cocksackie virus

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Asn Pro Gly Pro
20

<210> 5

<211> 20

<212> PRT

<213> Cocksackie virus

<400> 5

Gln Thr Leu Asn Phe Asp Leu Leu Lys Leu Ala Gly Asp Val Glu Ser
1 5 10 15
Asn Pro Gly Pro
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<210> 6

<211> 20

<212> PRT

<213> Cocksackie virus

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Asn Pro Gly Pro
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<210> 7

<211> 20

<212> PRT

<213> Cocksackie virus

<400> 7

His Tyr Ala Gly Tyr Phe Ala Asp Leu Leu Ile His Asp Ile Glu Thr
1 5 10 15
Asn Pro Gly Pro
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<210> 8

<211> 20

<212> PRT

<213> Cocksackie virus

<400> 8

His Tyr Ala Gly Tyr Phe Ser Asp Leu Leu Ile His Asp Val Glu Thr
1 5 10 15
Asn Pro Gly Pro
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<210> 9

<211> 20

<212> PRT

<213> Cocksackie virus

<400> 9

Tyr His Ala Asp Tyr Tyr Lys Gln Arg Leu Ile His Asp Val Glu Met

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Asn Pro Gly Pro			
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 <211> 19
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 Asn Pro Gly

<210> 11
 <211> 28
 <212> DNA
 <213> Barley stripe mosaic virus

<400> 11
 cttcttccgt tgctagctaa aaaaaaaaaa 28

<210> 12
 <211> 21
 <212> DNA
 <213> Barley stripe mosaic virus

<400> 12
 agttacttct tgaatttctc c 21

<210> 13
 <211> 39
 <212> DNA
 <213> Barley stripe mosaic virus

<400> 13
 tatagcgcgc atttaaattg gtcttcctt gggggaccg 39

<210> 14
 <211> 49
 <212> DNA
 <213> Saccharomyces cerevisiae

<400> 14
 tatgctagct gattaattaa gtcgacgagc tgatttaaca aattttaac 49

<210> 15
 <211> 44
 <212> DNA
 <213> Saccharomyces cerevisiae

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 tatgctagct gagcggccgc gcacgtgtca gtctgtctcc tcgg 44

<210> 16
 <211> 46

<212> DNA
 <213> Barley stripe mosaic virus

 <400> 16
 tatactagtt taattaagtc gaccatggct agcaaaggag aagaac 46

 <210> 17
 <211> 44
 <212> DNA
 <213> Barley stripe mosaic virus

 <400> 17
 tatactagtt gagcggccgc ttattttag agctcatcca tgcc 44

 <210> 18
 <211> 43
 <212> DNA
 <213> Barley stripe mosaic

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 tatagagctc tacaaatcta gaatggctac tttctcttgt gtg 43

 <210> 19
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 <213> Barley stripe mosaic virus

 <400> 19
 agagtccgtt aagattcatg g 21

 <210> 20
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 <213> Tobacco mosaic virus

 <400> 20
 cattaattaa gatgatggct agcaaaggag 30

 <210> 21
 <211> 112
 <212> DNA
 <213> Tobacco mosaic virus

 <400> 21
 atatctagac ctaggaccag ggtagattc cacgtcacc gccaaacttca gcaaatcaaa 60
 attcaacagc tgttttaga gtcagcggc cgccttgat agctcatcca tg 112

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 <400> 22
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 cctggctctg tcgacaaagg agaagaactt ttcactgg 98

 <210> 23

<211> 49
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 <400> 23
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 <210> 24
 <211> 39
 <212> DNA
 <213> Homo sapiens

 <400> 24
 ggccgcttat ccgtatgatg ttccggatta tgccgagct 39

 <210> 25
 <211> 31
 <212> DNA
 <213> Homo sapiens

 <400> 25
 cggcataatc cggaacatca tacggataag c 31

 <210> 26
 <211> 42
 <212> DNA
 <213> Chicken

 <400> 26
 ggccgctgaa caaaagctta tctctgagga agatcttgag ct 42

 <210> 27
 <211> 34
 <212> DNA
 <213> Chicken

 <400> 27
 caagatcttc ctcagagata agcttttggt cagc 34

 <210> 28
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 <213> Cnidaria

 <400> 28
 ggccgctcat catcaccatc accatcacca tcacgagct 39

 <210> 29
 <211> 31
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 <213> Cnidaria

 <400> 29
 cgtgatgggtg atgggtgatgg tgatgatgag c 31

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<212> DNA
 <213> Brome mosaic virus

 <400> 30
 tattttaatta agatgtcgac ttcaggaact gg 32

 <210> 31
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 <212> DNA
 <213> Brome mosaic virus

 <400> 31
 tatgcggccg ccctataaag cggggtgaag 30

 <210> 32
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 <400> 32
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 <210> 33
 <211> 31
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 <212> DNA
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 <400> 34
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 <210> 35
 <211> 30
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 <213> Bovine

 <400> 35
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 <210> 36
 <211> 38
 <212> DNA
 <213> Homo sapiens

 <400> 36
 tattttaatta agatgggaaa aatggcttct ctatttgc 38

 <210> 37
 <211> 33
 <212> DNA

<213> Homo sapiens

<400> 37

tatgcggccg cgaaaccgca ggaaccttca acg

33

<210> 38

<211> 33

<212> DNA

<213> Tomato

<400> 38

tatttaatta agatggagtc aaagtttgct cac

33

<210> 39

<211> 33

<212> DNA

<213> Tomato

<400> 39

tatttaatta agatggagtc aaagtttgct cac

33

<210> 40

<211> 25

<212> DNA

<213> Barley stripe mosaic virus

<400> 40

atagatatcg atccccttat agtgc

25

<210> 41

<211> 34

<212> DNA

<213> Barley stripe mosaic virus

<400> 41

atagctagca agcatgcgaa ggtaaataca gtag

34

<210> 42

<211> 46

<212> DNA

<213> Barley stripe mosaic virus

<400> 42

tatactagtt taattaagtc gaccatggct agcaaaggag aagaac

46

<210> 43

<211> 44

<212> DNA

<213> Barlesy stripe mosaic virus

<400> 43

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<210> 44

<211> 46

<212> DNA

<213> Barley stripe mosaic virus

<400> 44
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 <213> Barley stripe mosaic virus

 <400> 45
 agagtccggt aagattcatg g 21

 <210> 46
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 <212> DNA
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 <400> 46
 atataggtct cccatgatgg ctactttctc ttgtg 35

 <210> 47
 <211> 39
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 <210> 48
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 <210> 49
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 <400> 49
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 <210> 50
 <211> 21
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 <400> 50
 ggaaagccgg cgaacgtggc g 21

 <210> 51
 <211> 58
 <212> DNA
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<400> 51
 tatattcgaa tctagaatcg atgctagctt gcatgctgtg aagtggtaaa agaaatgc 58

 <210> 52
 <211> 35
 <212> DNA
 <213> Tobacco mosaic virus

 <400> 52
 atataggtct cccatggcta gcaaaggaga agaac 35

 <210> 53
 <211> 48
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 <400> 53
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 <210> 54
 <211> 35
 <212> DNA
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 atataggtct cccatggcta gcaaaggaga agaac 35

 <210> 55
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 aatcaaaatt caacagctgt ttgtagagct catccatgcc 100

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 <400> 56
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 <210> 57
 <211> 41
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 <210> 58
 <211> 31
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 <210> 59
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 <210> 60
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 <400> 60
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 <210> 61
 <211> 35
 <212> DNA
 <213> Black hulless barley

 <400> 61
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 <210> 62
 <211> 35
 <212> DNA
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 <400> 62
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 <210> 63
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 <400> 63
 tatgcgccg cctactttca ggaggattac catcc 35

 <210> 64
 <211> 35
 <212> DNA
 <213> Black hulless barley

 <400> 64
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 <210> 65
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 <213> Corn leaf

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